

**LISTING OF CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-18 (Canceled)

Claim 19 (Currently amended): An isolated antibody or antigen binding fragment thereof which specifically binds to a CD39L2 polypeptide ~~having comprising the amino acid sequence of SEQ ID NO: 2~~ excluding an isolated antibody or antigen binding fragment thereof which specifically binds to a CD39L2 polypeptide consisting of amino acid residues 121 through 134.

Claim 20 (Currently amended): The antibody or antigen binding fragment thereof of claim 19, ~~which is a~~ wherein the antibody is a monoclonal antibody.

Claim 21 (Currently amended): The antibody or antigen binding fragment thereof of claim 19, ~~which wherein the antigen binding fragment is an antigen binding fragment of a monoclonal antibody.~~

Claim 22 (Previously added): A hybridoma which produces the monoclonal antibody of claim 20.

Claim 23 (Currently amended): The antibody or antigen binding fragment thereof of claim 19, ~~which wherein the antibody is a~~ polyclonal antibody.

Claim 24 (Currently amended): The antibody or antigen binding fragment thereof of claim 19, ~~which wherein the antigen binding fragment is an antigen binding fragment of a polyclonal antibody.~~

Claim 25 (Currently amended): The A labeled antibody or antigen binding fragment thereof, wherein the antibody or antigen binding fragment thereof of claim 19 which comprises is labeled with a detectable label.

Claim 26 (Currently amended): The labeled antibody or antigen binding fragment thereof of claim 25, wherein the detectable label is a radioisotope, affinity label, enzymatic label, fluorescent label or paramagnetic moiety.

Claim 27 (Canceled)

Claim 28 (Currently amended): A kit comprising (a) the antibody or antibody-antigen binding fragment of claim 19 and (b) a polypeptide having comprising the amino acid sequence of SEQ ID NO: 2 or an immunologically reactive fragment of said polypeptide.

Claim 29 (Currently amended): A kit comprising (a) the antibody or antigen binding fragment thereof of claim 19 and (b) a wash reagent or a reagent capable of detecting the presence of a the bound antibody.